

Using MDAT to Create Custom Occupation Tables

Learn how to create a custom detailed occupation table by variable of interest (e.g., sex, age, race, etc.).

Steps will include selecting a dataset, a vintage (year), variables to construct a table, and downloading table for analysis.

You will also learn how to select a geography for your table and to recode variables to meet your needs.

What is MDAT?

Microdata Access on data.census.gov/mdat allows you to create custom tables that are not available in the pre-made tables on data.census.gov.

It is powered by public use microdata. This is where we take responses received from our surveys, remove personal information so you cannot identify any specific person/household, and put additional edits in place to protect the confidentiality of respondents.

Microdata Access on data.census.gov/mdat allows you to create these custom tables on our site without having to use your own statistical software or special programming. Instructions for using the site are available on the [Microdata Access Resources page](#).

Before diving into microdata, here are a few tips:

- **Use pre-made tables on data.census.gov whenever possible:** The data will be more accurate in a pre-made table compared to a custom table you make. The process to find a pre-made table is also easier than to create a custom table on data.census.gov/mdat.
- **Geographic coverage in microdata is limited:** You can access data for the nation, region, division, and state. A few surveys provide data for public use microdata areas (PUMAs) and counties.

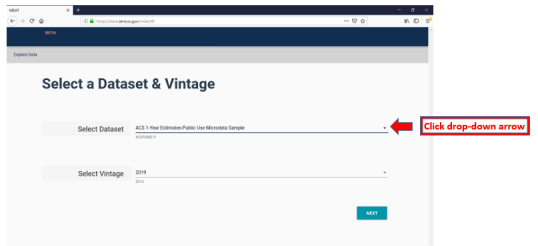
We also encourage you to check out our short video: [What is Microdata and Why Should I Use It?](#)

For more guidance on data availability and using data.census.gov, the Census API, and Microdata Access, visit our [resources page](#).

Table of Contents (1)

1. Select Dataset

1. Select Dataset



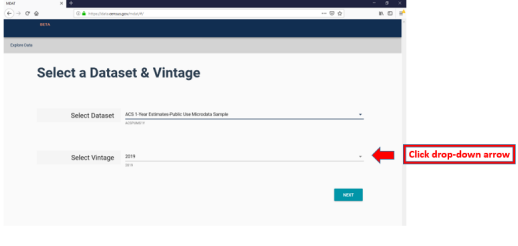
Click drop-down arrow

United States Census Bureau

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2. Select Vintage

2. Select Vintage



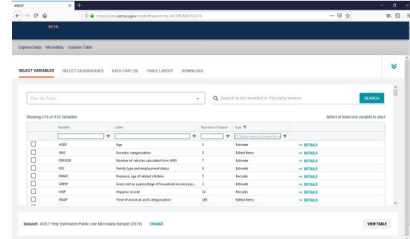
Click drop-down arrow

United States Census Bureau

9

3. Select Variables

3. Select Variables



Click drop-down arrow

United States Census Bureau

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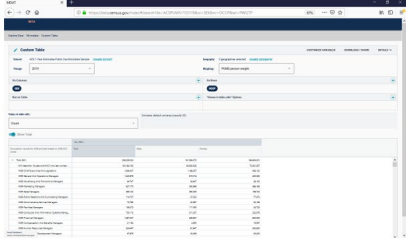
For this walkthrough, we will begin by selecting the occupation variable.

Data dictionaries provide additional information on available variables and how each variable is coded.

ACS PUMS data dictionaries can be found on the following page:
<https://www.census.gov/programs-surveys/acs/technical-documentation/pums/documentation.html>

4. Constructed Table

4. Constructed Table



Click drop-down arrow

United States Census Bureau

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This table shows the estimates for "OCCUP" by "SEX" variables or Occupation by Sex.

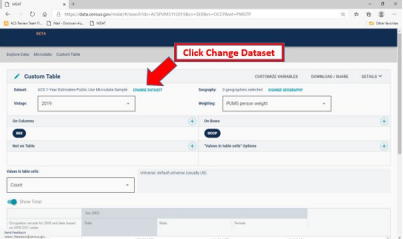
On the right, there is a weighting category. You should use the PUMS person weight (instead of the housing weight) when working with the OCCUP variable.

For the category value in table cells, the "Count" option is selected by default.

You will also notice the "SEX" variable is in the "On Columns" section of the page while the "OCCUP" variable is in the "On Rows" section of the page.

5. Table – Change Dataset

5. Table – Change Dataset



Click Change Dataset

United States Census Bureau

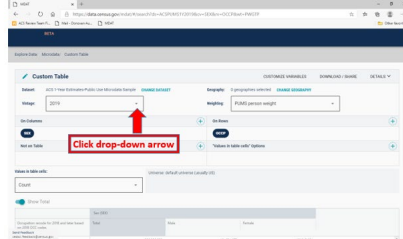
21

Note on the top left, the dataset is listed as ACS 1-Year Estimates Public Use Microdata Sample and the vintage is 2019. There are options next to both categories to make an additional change if required.

We will change the dataset year of our existing table while keeping the same table.

6. Table - Change Vintage

6. Table – Change Vintage



Click drop-down arrow

United States Census Bureau

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This table shows the estimates for "OCCUP" by "SEX" variables or Occupation by Sex.

Although the vintage is currently listed as 2019, you can change the vintage by clicking on the drop-down arrow next to the listed vintage year.

NOTE: this only works if the code lists between the vintage years remain the same. In this case, changing from 2019 to 2018 is ok, but going to 2017 will not populate correctly.

Please see note on next slide for making vintage changes.

Table of Contents (2)

7. Table - Weighting

7. Table – Weighting

When creating tables using the OCCP variable, you should use the default "PUMS person weight".

Click drop-down arrow

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8. Table - Details

8. Table – Details

To hide details once you have completed the customization of your table, click on DETAILS or the arrow.

Click drop-down arrow

United States Census Bureau

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9. Select Geographies

9. Select Geographies

Now, let us look at how to modify the table by selecting specific geographies.

Click "Change Geography" on the right side of the custom table.

Click Change Geography

United States Census Bureau

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10. Select Two or More Geographies

10. Select Two or More Geographies

Now, let us look at how to modify the table by selecting specific geographies.

Click "Change Geography" on the right side of the custom table.

Click Change Geography

United States Census Bureau

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11. Age Recode

11. Age Recode

Before you begin, set up a table with the "OCCP" and "AGEP" variables.

To begin the multistep process to recode the age variable, click "AGEP".

You have to click Customize variables to get back to the Select Variables option. AGE is the first variable in the dataset. So, there is no need to search for it. Click View Table to see the table as shown in the image here.

This variable is continuous and can only go to "Values in table only". Create a group (recode) to use elsewhere, "Age (AGEP)".

Click AGEP

United States Census Bureau

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12. Occupation Recode

12. Occupation Recode

Click "OCCP" to begin the recode process for the OCCP variable.

Click OCCP

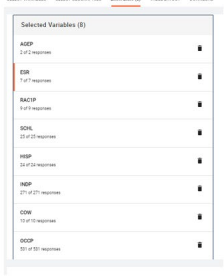
United States Census Bureau

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Table of Contents (3)

13. Key Variables

13. Key Variables



This table shows some of the key variables that you may consider when creating a custom table:

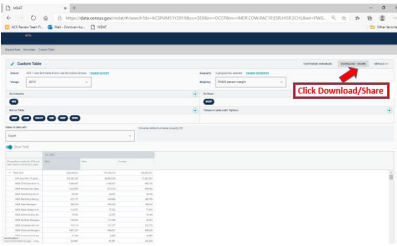
- 1) Age – "AGEP"
- 2) Employment – "ESR"
- 3) Race – "RAC1P"
- 4) Educational Attainment – "SCHL"
- 5) Hispanic – "HISP"
- 6) Industry – "INDP"
- 7) Class of Worker – "COW"
- 8) Occupation – "OCCP"

[Return to Table of Contents](#)

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Bureau

14. Download Table

14. Download Table



Click the download/share link to download your table.

[Return to Table of Contents](#)

United States[®]
Census
Bureau

For this walkthrough, we will demonstrate how to create a table detailing occupation by sex.

Occupation recode for 2018 and later based on 2018 OCC codes	Sex (SEX)		
	Total	Male	Female
▼ Total (531)	328,239,523	161,594,272	166,645,251
N/A (less than 16 years old/NILF who last worked ...	133,182,103	60,920,536	72,261,567
MGR-Chief Executives And Legislators	1,646,437	1,188,307	458,130
MGR-General And Operations Managers	1,245,876	815,514	430,362
MGR-Advertising And Promotions Managers	64,747	26,647	38,100
MGR-Marketing Managers	627,175	240,986	386,189
MGR-Sales Managers	589,102	390,359	198,743
MGR-Public Relations And Fundraising Managers	114,727	37,252	77,475
MGR-Administrative Services Managers	70,785	20,587	50,198
MGR-Facilities Managers	136,272	111,550	24,722
MGR-Computer And Information Systems Manag...	735,113	511,537	223,576
MGR-Financial Managers	1,487,327	646,827	840,500
MGR-Compensation And Benefits Managers	21,192	4,605	16,587
MGR-Human Resources Managers	324,447	81,847	242,600
Development Managers	67,879	32,459	35,420

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1. Select Dataset

MDAT

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https://data.census.gov/mdat/#/

BETA

Explore Data

Select a Dataset & Vintage

Select Dataset

ACS 1-Year Estimates-Public Use Microdata Sample

ACSPUMS1Y

Select Vintage

2019

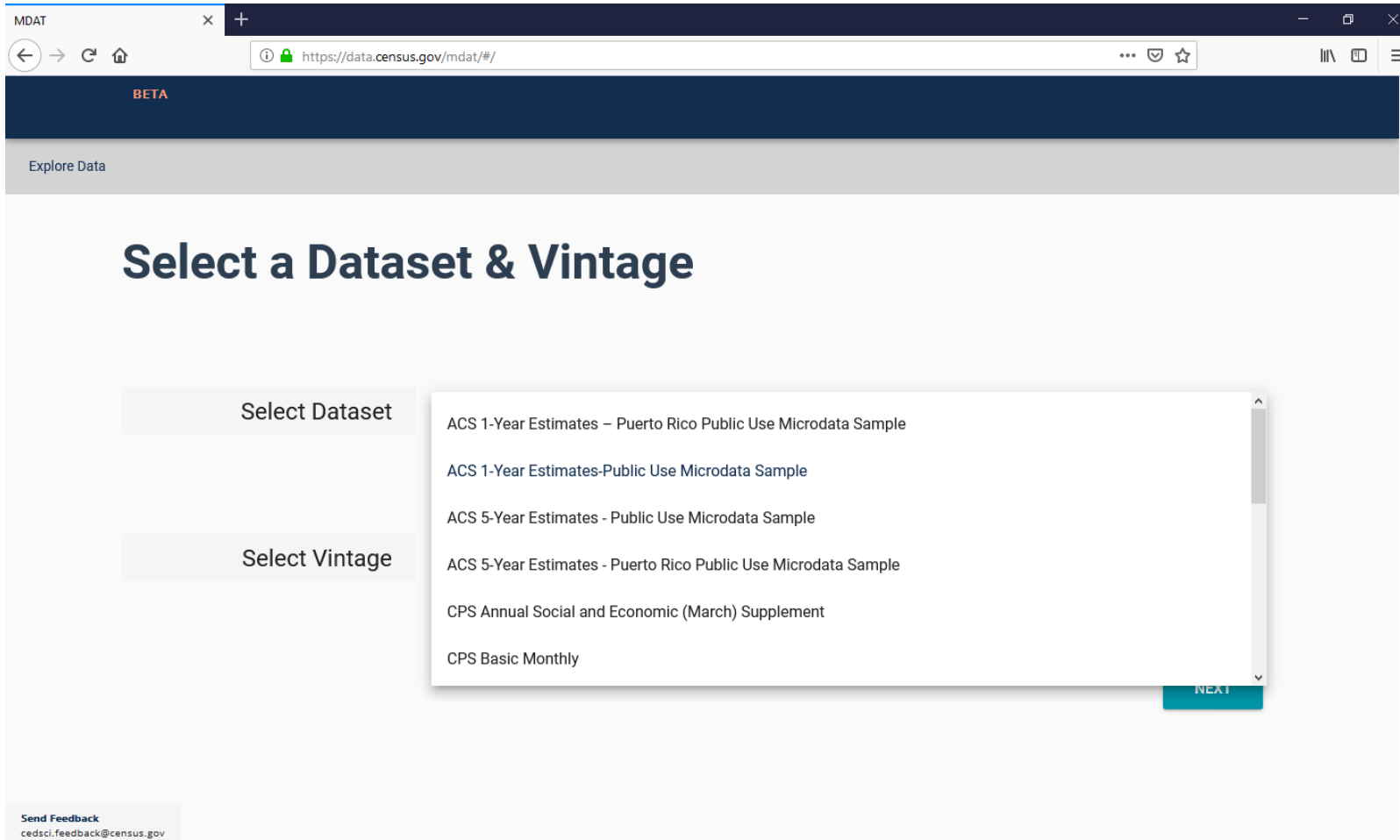
2019

NEXT

Click drop-down arrow

Return to Table of Contents

1. Select Dataset



MDAT

https://data.census.gov/mdat/#/

BETA

Explore Data

Select a Dataset & Vintage

Select Dataset

Select Vintage

- ACS 1-Year Estimates – Puerto Rico Public Use Microdata Sample
- ACS 1-Year Estimates-Public Use Microdata Sample
- ACS 5-Year Estimates - Public Use Microdata Sample
- ACS 5-Year Estimates - Puerto Rico Public Use Microdata Sample
- CPS Annual Social and Economic (March) Supplement
- CPS Basic Monthly

NEXT

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For this walkthrough, we will use the following dataset: ACS 1-Year Estimates – Public Use Microdata Sample. This dataset paired with the most recent year available provides the most up-to-date ACS estimates.

Alternatively, the ACS 5-Year Estimates Public Use Microdata Sample is used when interested in producing the most reliable estimates at lower levels of geography (e.g., county-level or smaller).

To select a dataset use the drop-down arrow.

2. Select Vintage

MDAT

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🔒 https://data.census.gov/mdat/#/

⋮ 🛡️ ☆

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BETA

Explore Data

Select a Dataset & Vintage

Select Dataset

ACS 1-Year Estimates-Public Use Microdata Sample

ACSPUMS1Y

Select Vintage

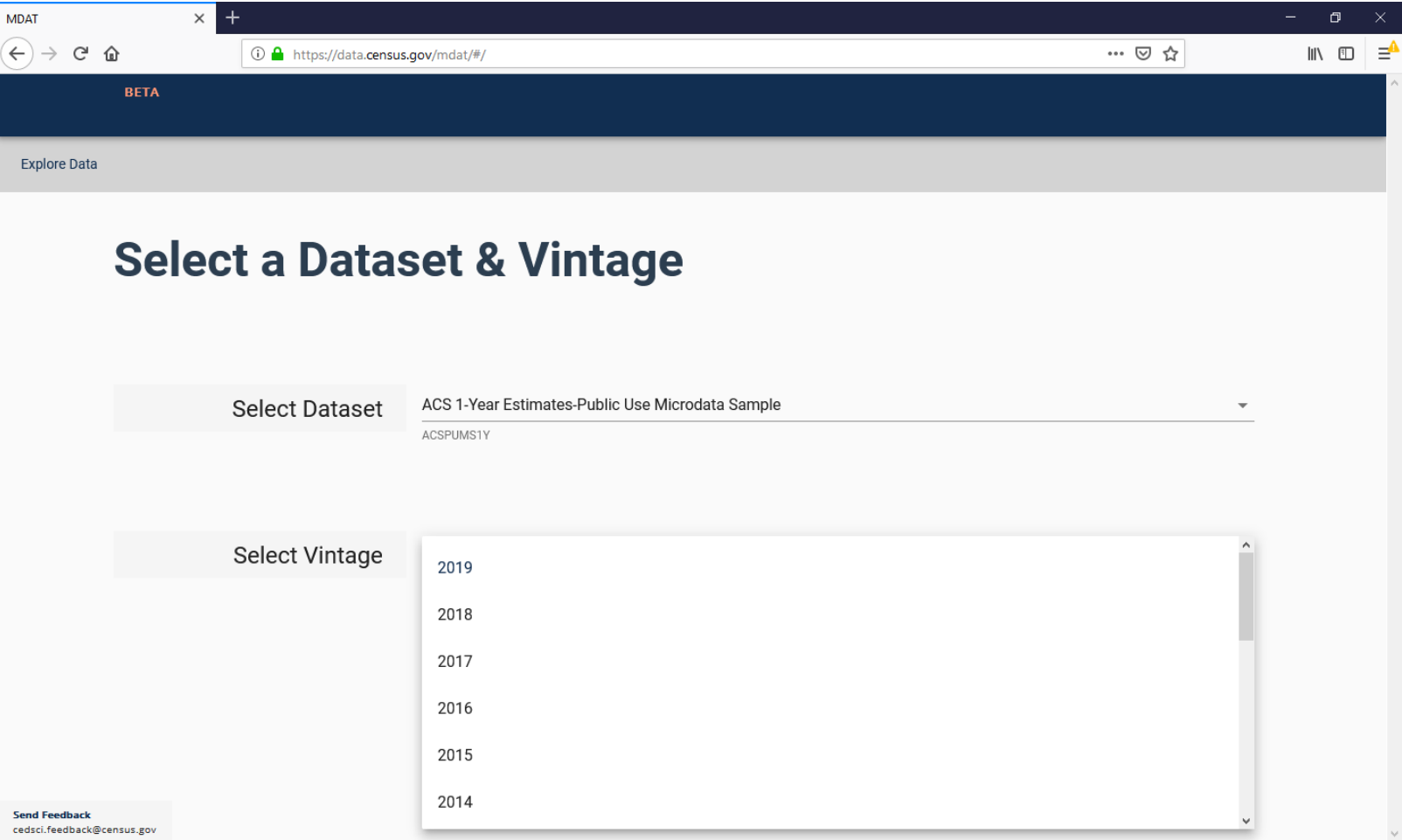
2019

2019

NEXT

Click drop-down arrow

2. Select Vintage



For this walkthrough, we will use the 2019 vintage. In this case, the most recent vintage paired with the ACS 1-Year Estimates-Public Use Microdata Sample provides the most up-to-date ACS estimates.

2. Select Vintage

MDAT

+

← → ↻ 🏠

🔒 https://data.census.gov/mdat/#/

⋮ 📄 ⚠️

BETA

Explore Data

Select a Dataset & Vintage

Select Dataset

ACS 1-Year Estimates-Public Use Microdata Sample

ACSPUMS1Y

Select Vintage

2019

2019

NEXT

Click Next

3. Select Variables

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019

BETA

Explore Data/ Microdata/ Custom Table

SELECT VARIABLES

SELECT GEOGRAPHIES

DATA CART (0)

TABLE LAYOUT

DOWNLOAD

filter by Topic

Search is not enabled in this beta version

SEARCH

Showing 216 of 510 Variables

Select at least one variable to start

	Variable	Label	Number of Values	Type	
<input type="checkbox"/>	AGEP	Age	2	Estimate	▼ DETAILS
<input type="checkbox"/>	ANC	Ancestry categorization	5	Edited Items	▼ DETAILS
<input type="checkbox"/>	DRIVESP	Number of vehicles calculated from JWRI	7	Estimate	▼ DETAILS
<input type="checkbox"/>	FES	Family type and employment status	9	Estimate	▼ DETAILS
<input type="checkbox"/>	FPARC	Presence, age of related children	5	Recodes	▼ DETAILS
<input type="checkbox"/>	GRPIP	Gross rent as a percentage of household income pas...	3	Estimate	▼ DETAILS
<input type="checkbox"/>	HISP	Hispanic recode	24	Recodes	▼ DETAILS
<input type="checkbox"/>	JWAP	Time of arrival at work categorization	286	Edited Items	▼ DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019)

CHANGE

VIEW TABLE

For this walkthrough, we will begin by selecting the occupation variable.

Data dictionaries provide additional information on available variables and how each variable is coded.

ACS PUMS data dictionaries can be found on the following page:

<https://www.census.gov/programs-surveys/acs/technical-documentation/pums/documentation.html>

3. Select Variables

Select Occupation

In the “Filter by Topic” box, scroll down to select “Occupation” from the list of variables. The 510 possible variables will then be filtered to only two variables.

When doing analysis that includes occupation variables, we rely on the “OCCP” variable.

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019

BETA

Explore Data/ Microdata/ Custom Table

SELECT VARIABLES

SELECT GEOGRAPHIES

DATA CART (0)

TABLE LAYOUT

DOWNLOAD

Occupation

Search is not enabled in this beta version

SEARCH

Showing 2 of 510 Variables

Select at least one variable to start

	Variable	Label	Number of Values	Type	
<input type="checkbox"/>	OCCP	Occupation recode for 2018 and later based on 2018 ...	531	Recodes	DETAILS
<input type="checkbox"/>	SOCP	Standard Occupational Classification (SOC) codes fo...	531	Estimate	DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019)

CHANGE

VIEW TABLE

3. Select Variables

Select the checkbox next to the "OCCP" Variable.

Click checkbox

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&rv=OCCP&wt=PWGTP

BETA

Explore Data/ Microdata/ Custom Table

SELECT VARIABLES

SELECT GEOGRAPHIES

DATA CART (1)

TABLE LAYOUT

DOWNLOAD

Occupation

Search is not enabled in this beta version

SEARCH

Showing 2 of 510 Variables

Selected: 1 variable (1 column, 531 rows)

	Variable	Label	Number of Values	Type	
<input checked="" type="checkbox"/>	OCCP	Occupation recode for 2018 and later based on 2018 ...	531	Recodes	DETAILS
<input type="checkbox"/>	SOC	Standard Occupational Classification (SOC) codes fo...	531	Estimate	DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019)

CHANGE

VIEW TABLE

3. Select Variables

An alternative way to filter, to find and to select the “OCCP” variable is to type in “OCC” in the search box under the variable column as shown in this example.

Type here

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&rv=OCCP&wt=PWGTP

BETA

Explore Data/ Microdata/ Custom Table

SELECT VARIABLES

SELECT GEOGRAPHIES

DATA CART (1)

TABLE LAYOUT

DOWNLOAD

filter by Topic

Search is not enabled in this beta version

SEARCH

Showing 1 of 510 Variables

Selected: 1 variable (1 column, 531 rows)

	Variable	Label	Number of Values	Type	
	occ			(3) Edited Items, Estimate, Reco	
<input checked="" type="checkbox"/>	OCCP	Occupation recode for 2018 and later based on 2018 ...	531	Recodes	DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019)

CHANGE

VIEW TABLE

3. Select Variables

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&rv=OCCP&wt=PWGTP

BETA

Explore Data/ Microdata/ Custom Table

SELECT VARIABLES

SELECT GEOGRAPHIES

DATA CART (1)

TABLE LAYOUT

DOWNLOAD

Occupation

Search is

SEARCH

Showing 2 of 510 Variables

Variable

Label

Number of Values

Type

☒

OCCP

Occupation recode for 2018 and later based on 2018 ...

531

Recodes

(2) Estimate, Recodes

DETAILS

Description:

Values:

- 9 -- N/A (less than 16 years old/NILF who last worked more than 5 years ago or never worked)
- 0010 -- MGR-Chief Executives And Legislators
- 0020 -- MGR-General And Operations Managers
- 0040 -- MGR-Advertising And Promotions Managers
- 0051 -- MGR-Marketing Managers
- 0052 -- MGR-Sales Managers

☐

SOC

Standard Occupational Classification (SOC) codes fo...

531

Estimate

DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019)

CHANGE

VIEW TABLE

Click drop-down arrow



For the OCCP variable, click on DETAILS or the arrow to display all the values within the OCCP variable.

3. Select Variables

In addition to selecting the “OCCP” variable, filter, find, and select the “SEX” variable before clicking on “View Table”.

1. Select “Age and Sex”.

2. Click checkbox

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&wt=PWGTP

BETA

Explore Data/ Microdata/ Custom Table

SELECT VARIABLES

SELECT GEOGRAPHIES

DATA CART (2)

TABLE LAYOUT

DOWNLOAD

filter by Topic

Search is not enabled in this beta version

SEARCH

Showing 1 of 510 Variables

Selected: 2 variables (2 columns, 531 rows)

Variable	Label	Number of Values	Type
sex			(3) Edited Items, Estimate, Reco
<input checked="" type="checkbox"/> SEX	Sex	2	Edited Items

DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019)

CHANGE

VIEW TABLE

3. Select Variables

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&wt=PWGTP

BETA

Explore Data/ Microdata/ Custom Table

SELECT VARIABLES

SELECT GEOGRAPHIES

DATA CART (2)

TABLE LAYOUT

DOWNLOAD

filter by Topic

Search is not enabled in this beta version

SEARCH

Showing 1 of 510 Variables

Selected: 2 variables (2 columns, 531 rows)

	Variable	Label	Number of Values	Type	
<input checked="" type="checkbox"/>	SEX	Sex	2	Edited Items	DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019)

CHANGE

Click View Table

VIEW TABLE

Click “View Table”.

4. Constructed Table

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&wt=PWGTP

BETA

Explore Data / Microdata / Custom Table

Custom Table

CUSTOMIZE VARIABLES DOWNLOAD / SHARE DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

Geography: 0 geographies selected

Vintage: 2019

Weighting: PUMS person weight

CHANGE DATASET

CHANGE GEOGRAPHY

On Columns

SEX

On Rows

OCCP

Not on Table

"Values in table cells" Options

Values in table cells:

Count

Universe: default universe (usually US)

Show Total

Occupation record for 2018 and later based on 2018 OCC codes	Sex (SD)			
	Total	Male	Female	
Total (S21)	328,239,523	161,594,272	166,645,251	
N/A (less than 16 years old/NILF who last worked ...)	133,182,103	60,920,536	72,261,567	
MGR-Chief Executives And Legislators	1,646,437	1,188,307	458,130	
MGR-General And Operations Managers	1,245,876	815,514	430,362	
MGR-Advertising And Promotions Managers	64,747	26,647	38,100	
MGR-Marketing Managers	627,175	240,986	386,189	
MGR-Sales Managers	588,102	390,359	198,743	
MGR-Public Relations And Fundraising Managers	114,727	37,252	77,475	
MGR-Administrative Services Managers	70,785	20,587	50,198	
MGR-Facilities Managers	136,272	111,550	24,722	
MGR-Computer And Information Systems Manag...	735,113	511,537	223,576	
MGR-Financial Managers	1,487,327	646,827	840,500	
MGR-Compensation And Benefits Managers	21,192	4,605	16,587	
MGR-Human Resources Managers	324,447	81,847	242,600	
Development Managers	67,879	32,459	35,420	

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This table shows the estimates for “OCCP” by “SEX” variables or Occupation by Sex.

On the right, there is a weighting category. You should use the PUMS person weight (instead of the housing weight) when working with the OCCP variable.

For the category value in table cells, the “Count” option is selected by default.

You will also notice the “SEX” variable is in the “On Columns” section of the page while the “OCCP” variable is in the “On Rows” section of the page.

4. Constructed Table

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&wt=PWGTP

ACS Review Team Fil... Mail - Donovan Au... MDAT

Other favorites

BETA

Explore Data/ Microdata/ Custom Table

Custom Table

CUSTOMIZE VARIABLES

DOWNLOAD / SHARE

DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

CHANGE DATASET

Geography: 0 geographies selected

CHANGE GEOGRAPHY

Vintage: 2019

Weighting: PUMS person weight

On Columns

SEX

On Rows

OCCP

Not on Table

"Values in table cells" Options

Values in table cells:

Count

Universe: default universe (usually US)

Show Total

Occupation recode for 2018 and later based on 2018 OCC codes

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Sex (SEX)			
Total	Male	Female	
270 320 577	161 504 777	166 645 751	

Let focus in on the “Custom Table” section of the previous slide which is located directly above the table.

5. Table – Change Dataset

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&wt=PWGTP

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Other favorites

BETA

Explore Data/ Microdata/ Custom Table

Custom Table

CUSTOMIZE VARIABLES DOWNLOAD / SHARE DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

CHANGE DATASET

Geography: 0 geographies selected

CHANGE GEOGRAPHY

Vintage: 2019

Weighting: PUMS person weight

On Columns

SEX

On Rows

OCCP

Not on Table

"Values in table cells" Options

Values in table cells:

Count

Universe: default universe (usually US)

Show Total

Sex (SEX)

Occupation recode for 2018 and later based on 2018 OCC codes

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Total Male Female

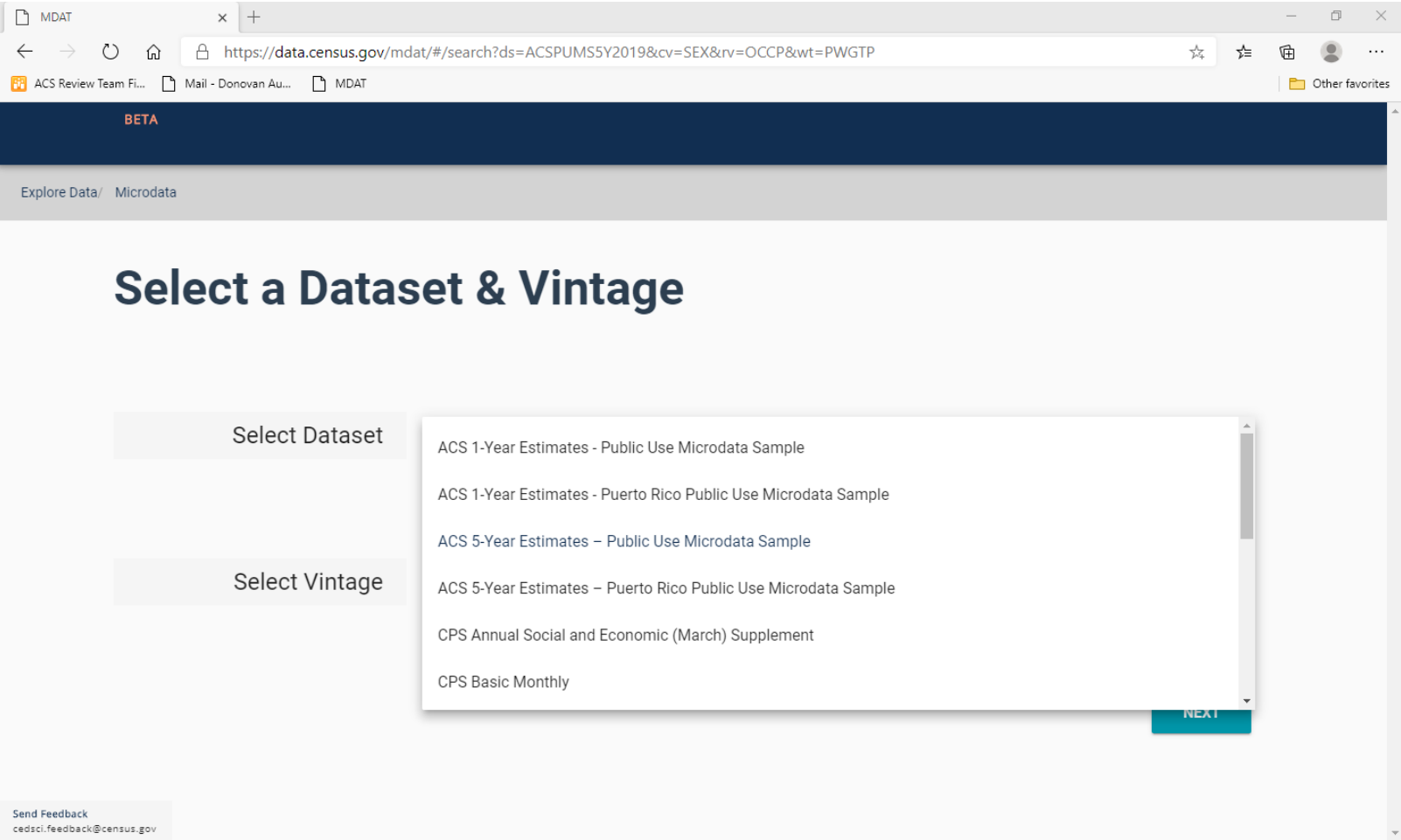
270 320 577 161 504 777 166 645 751

This table shows the estimates for “OCCP” by “SEX” variables or Occupation by Sex.

Note on the top left, the dataset is listed as ACS 1-Year Estimates-Public Use Microdata Sample and the vintage is 2019. There are options next to both categories to make an additional change if required.

We will change the dataset year of our existing table while keeping the same table.

5. Table – Change Dataset



This tables show the estimates for “OCCP” by “SEX” variables or Occupation by Sex.

After you click “Change Dataset”, you will be able to change your dataset if necessary. Click ACS 5-Year Estimates – Public Use Microdata Sample.

Click “NEXT” when you are done.

5. Table – Change Dataset

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMSSY2019&cv=SEX&rv=OCCP&wt=PWGTP

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Other favorites

BETA

Explore Data/ Microdata/ Custom Table

New dataset listed

Custom Table

CUSTOMIZE VARIABLES

DOWNLOAD / SHARE

DETAILS

Dataset: ACS 5-Year Estimates – Public Use Microdata Sample

CHANGE DATASET

Geography: 0 geographies selected

CHANGE GEOGRAPHY

Vintage: 2019

Weighting: Person weight

On Columns

SEX

On Rows

OCCP

Not on Table

"Values in table cells" Options

Values in table cells:

Count

Universe: default universe (usually US)

Show Total

Sex (SEX)

Total

Male

Female

274 607 705

150 000 770

164 607 065

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This table shows the estimates for “OCCP” by “SEX” variables or Occupation by Sex.

After clicking “NEXT”, you will be returned to the table screen. You should see your new dataset appear.

Go ahead and return the dataset back to the ACS 1-Year Estimates – Public Use Microdata Sample.

NOTE: Return dataset to 1-year estimates before moving on to the next section.

6. Table – Change Vintage

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&wt=PWGTP

ACS Review Team Fil... Mail - Donovan Au... MDAT

Other favorites

BETA

Explore Data/ Microdata/ Custom Table

Custom Table

CUSTOMIZE VARIABLES

DOWNLOAD / SHARE

DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

CHANGE DATASET

Geography: 0 geographies selected

CHANGE GEOGRAPHY

Vintage: 2019

Weighting: PUMS person weight

On Columns

On Rows

SEX

OCCP

Not on Table

"Values in table cells" Options

Values in table cells:

Universe: default universe (usually US)

Count

Show Total

Occupation recode for 2018 and later based on 2018 OCC codes

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Sex (SEX)			
Total	Male	Female	
270 320 577	161 504 777	108 815 751	

Click drop-down arrow

This table shows the estimates for “OCCP” by “SEX” variables or Occupation by Sex.

Although the vintage is currently listed as 2019, you can change the vintage by clicking on the drop-down arrow next to the listed vintage year.

NOTE: this only works if the code lists between the vintage years remain the same. In this case, changing from 2019 to 2018 is ok, but going to 2017 will not populate correctly.

Please see note on next slide for making vintage changes.

Making Vintage Changes

Occupation PUMS code list:

Census 2018 OCC: 2018-2019 vintages
Census 2012 OCC: 2013-2017 vintages
Census 2010 OCC: 2010-2012 vintages
Census 2002 OCC: 2005-2009 vintages

Industry PUMS code list:

Census 2017 IND: 2018-2019 vintages
Census 2012 IND: 2013-2017 vintages
Census 2007 IND: 2008-2012 vintages
Census 2002 IND: 2005-2007 vintages

NOTE: Since the variable names remain the same across vintages, it is not always clear whether vintages are comparable between years.

This quick guide shows what vintage is appropriate to what given year.

6. Table – Change Vintage

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&wt=PWGTP

ACS Review Team Fil... Mail - Donovan Au... MDAT

BETA

Explore Data/ Microdata/ Custom Table

Custom Table

CUSTOMIZE VARIABLES

DOWNLOAD / SHARE

DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

CHANGE DATASET

Geography: 0 geographies selected

CHANGE GEOGRAPHY

Vintage: 2019

2018

2017

2016

2015

2014

2013

On Columns

SEX

Not on Table

Values in table cells

Count

On Rows

OCCP

"Values in table cells" Options

Universe: default universe (usually US)

Weighting: PUMS person weight

Show Total

	Sex (SEX)		
Occupation recode for 2018 and later based on 2018 OCC codes	Total	Male	Female
Send Feedback cedsci.feedback@census.gov	114,727	27,262	77,475

This table shows the estimates for “OCCP” by “SEX” variables or Occupation by Sex.

Click the 2018 vintage and observe the changes made to your estimates in the table below.

7. Table – Weighting

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&wt=PWGTP

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Other favorites

BETA

Explore Data/ Microdata/ Custom Table

Custom Table

CUSTOMIZE VARIABLES

DOWNLOAD / SHARE

DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

CHANGE DATASET

Geography: 0 geographies selected

CHANGE GEOGRAPHY

Vintage: 2019

Weighting: PUMS person weight

On Columns

On Rows

SEX

OCCP

Not on Table

"Values in table cells" Options

Values in table cells:

Count

Universe: default universe (usually US)

Show Total

Sex (SEX)

Total

Male

Female

Occupation recode for 2018 and later based on 2018 OCC codes

270 720 577

161 504 777

166 645 751

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When creating tables using the OCCP variable, you should use the default “PUMS person weight”.

7. Table – Weighting

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&wt=WGTP

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Other favorites

BETA

Explore Data/ Microdata/ Custom Table

Custom Table

CUSTOMIZE VARIABLES DOWNLOAD / SHARE DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

CHANGE DATASET

Geography: 0 geographies selected

CHANGE GEOGRAPHY

Vintage: 2019

Weighting: Unweighted

Weights for selected variables: PUMS person weight

Other weights in dataset: Housing Unit Weight

On Columns

SEX

Not on Table

On Rows

OCCP

Values in

Values in table cells:

Count

Universe: default universe (usually US)

Show Total

	Sex (SEX)		
Occupation recode for 2018 and later based on 2018 OCC codes	Total	Male	Female

Send Feedback

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When creating tables using the OCCP variable, you should use the default “PUMS person weight”.

For more information on weighting, visit:

<https://www.census.gov/programs-surveys/acs/technical-documentation/pums/documentation.html>

Click PUMS person weight

8. Table – Details

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&wt=PWGTP

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Other favorites

BETA

Explore Data/ Microdata/ Custom Table

Custom Table

CUSTOMIZE VARIABLES

DOWNLOAD / SHARE

DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

CHANGE DATASET

Geography: 0 geographies selected

CHANGE GEOGRAPHY

Vintage: 2019

Weighting: PUMS person weight

On Columns

On Rows

SEX

OCCP

Not on Table

"Values in table cells" Options

Values in table cells:

Count

Universe: default universe (usually US)

Show Total

Sex (SEX)

Total

Male

Female

270 720 577

161 504 777

166 645 751

Click drop-down arrow

To hide details once you have completed the customization of your table, click on DETAILS or the arrow.

8. Table – Details

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&wt=PWGTP

ACS Review Team Fi... Mail - Donovan Au... MDAT

Other favorites

BETA

Explore Data/ Microdata/ Custom Table

Custom Table

CUSTOMIZE VARIABLES

DOWNLOAD / SHARE

DETAILS ^

Values in table cells:

Count

Universe: default universe (usually US)

Show Total

	Sex (SEX)		
	Total	Male	Female
Occupation recode for 2018 and later based on 2018 OCC codes			
▼ Total (531)	328,239,523	161,594,272	166,645,251
N/A (less than 16 years old/NILF who last worked ...	133,182,103	60,920,536	72,261,567
MGR-Chief Executives And Legislators	1,646,437	1,188,307	458,130
MGR-General And Operations Managers	1,245,876	815,514	430,362
MGR-Advertising And Promotions Managers	64,747	26,647	38,100
MGR-Marketing Managers	627,175	240,986	386,189
MGR-Sales Managers	589,102	390,359	198,743
MGR-Public Relations And Fundraising Managers	114,727	37,252	77,475
MGR-Administrative Services Managers	70,785	20,587	50,198
MGR-Executive Managers	136,272	111,550	24,722
Information Systems Managers	735,113	511,537	223,576

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Click drop-down arrow

To show details once you have completed the customization of your table, click on DETAILS or the arrow

9. Select Geographies

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&wt=PWGTP

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Other favorites

BETA

Explore Data/ Microdata/ Custom Table

Custom Table

CUSTOMIZE VARIABLE DOWNLOAD / SHARE DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

CHANGE DATASET

Geography: 0 geographies selected

CHANGE GEOGRAPHY

Vintage: 2019

Weighting: PUMS person weight

On Columns

SEX

On Rows

OCCP

Not on Table

"Values in table cells" Options

Values in table cells:

Count

Universe: default universe (usually US)

Show Total

Sex (SEX)

Occupation recode for 2018 and later based on 2018 OCC codes

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Total

Male

Female

270 720 577

161 504 777

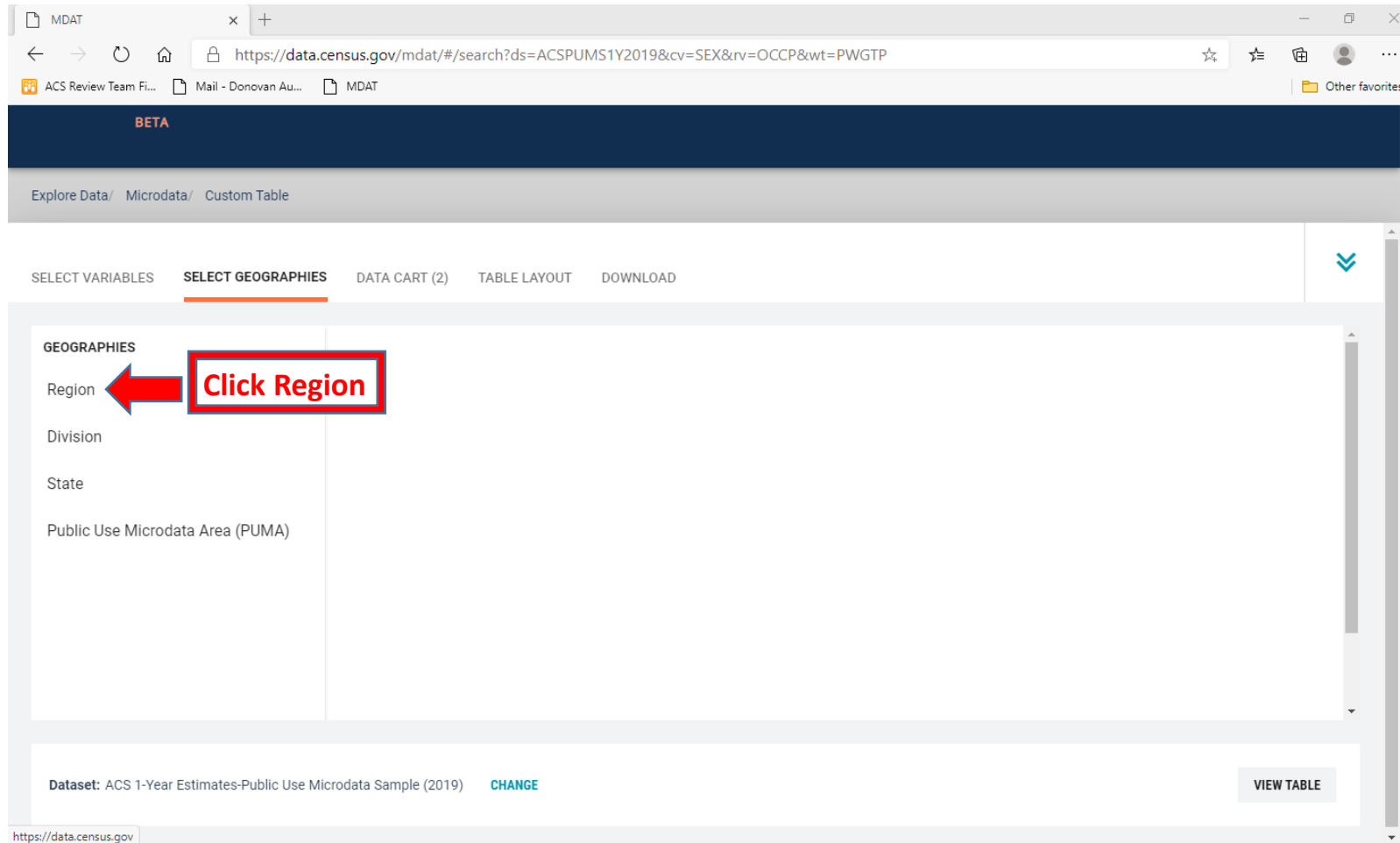
166 645 751

Click Change Geography

Now, let us look at how to modify the table by selecting specific geographies.

Click “Change Geography” on the right side of the custom table.

9. Select Geographies



After clicking “Change Geography” under custom table, you should be redirected to this page where you will see “Select Geographies” underscored.

Click “Region” under GEOGRAPHIES.

9. Select Geographies

After clicking “Region” under GEOGRAPHIES, you will be provided options of regions to select.

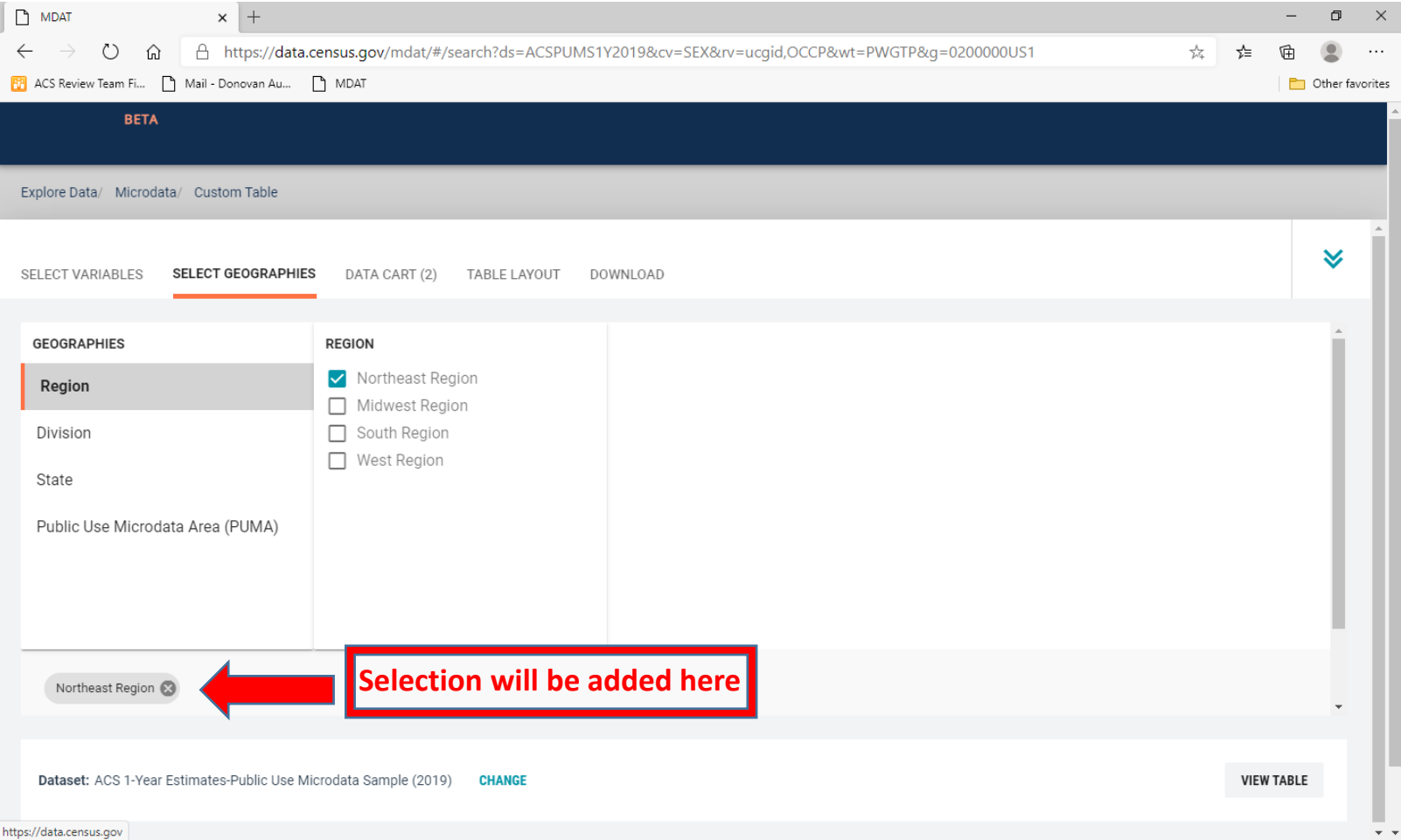
Click “Northeast Region” under REGION.

The screenshot shows the 'SELECT GEOGRAPHIES' tab in the Census Data tool. The 'GEOGRAPHIES' section on the left has 'Region' selected. The 'REGION' section on the right lists four options: Northeast Region, Midwest Region, South Region, and West Region. The 'Northeast Region' checkbox is highlighted with a red box and an arrow pointing to it with the text 'Click Northeast Region'. The dataset is 'ACS 1-Year Estimates-Public Use Microdata Sample (2019)'.

GEOGRAPHIES	REGION
Region	<input checked="" type="checkbox"/> Northeast Region
Division	<input type="checkbox"/> Midwest Region
State	<input type="checkbox"/> South Region
Public Use Microdata Area (PUMA)	<input type="checkbox"/> West Region

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019) [CHANGE](#) [VIEW TABLE](#)

9. Select Geographies



After clicking “Northeast Region” under REGIONS, you will see your selection appear at the bottom of the page.

Click the “VIEW TABLE” button in the bottom right-hand corner of the page.

9. Select Geographies

The selected region will now appear in your existing table as a subcategory under “Total”.

Region Appears on Table

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=ucgid,OCCP&wt=PWGTP&g=0200000US1

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BETA

Explore Data/ Microdata/ Custom Table

Custom Table

CUSTOMIZE VARIABLES DOWNLOAD / SHARE DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

Geography: 1 geographies selected

Vintage: 2019

Weighting: PUMS person weight

CHANGE DATASET

CHANGE GEOGRAPHY

On Columns

On Rows

SEX

Selected Geographies OCCP

Not on Table

"Values in table cells" Options

Values in table cells:

Universe: selected geographies: Northeast Region

Count

Show Total

Occupation recode for 2018 and later based on 2018 OCC codes (OCCP)	Sex (SEX)		
	Total	Male	Female
Total (S31)	55,982,803	27,315,755	28,667,048
Total Northeast Region (S31)	55,982,803	27,315,755	28,667,048
N/A (less than 16 years old/NILF who last works...	21,684,792	9,846,015	11,838,777
MGR-Chief Executives And Legislators	320,532	224,811	95,721
MGR-General And Operations Managers	202,114	131,216	70,898
MGR-Advertising And Promotions Managers	20,013	9,479	10,534
Send Feedback /anagers	133,863	49,472	84,391

10. Select Two or More Geographies

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&wt=PWGTP

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Other favorites

BETA

Explore Data/ Microdata/ Custom Table

Custom Table

CUSTOMIZE VARIABLES

DOWNLOAD / SHARE

DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

CHANGE DATASET

Geography: 0 geographies selected

CHANGE GEOGRAPHY

Vintage: 2019

Weighting: PUMS person weight

On Columns

On Rows

SEX

OCCP

Not on Table

"Values in table cells" Options

Values in table cells:

Count

Universe: default universe (usually US)

Show Total

Sex (SEX)

Total

Male

Female

Occupation recode for 2018 and later based on 2018 OCC codes

270 770 777

161 504 777

166 645 751

Send Feedback

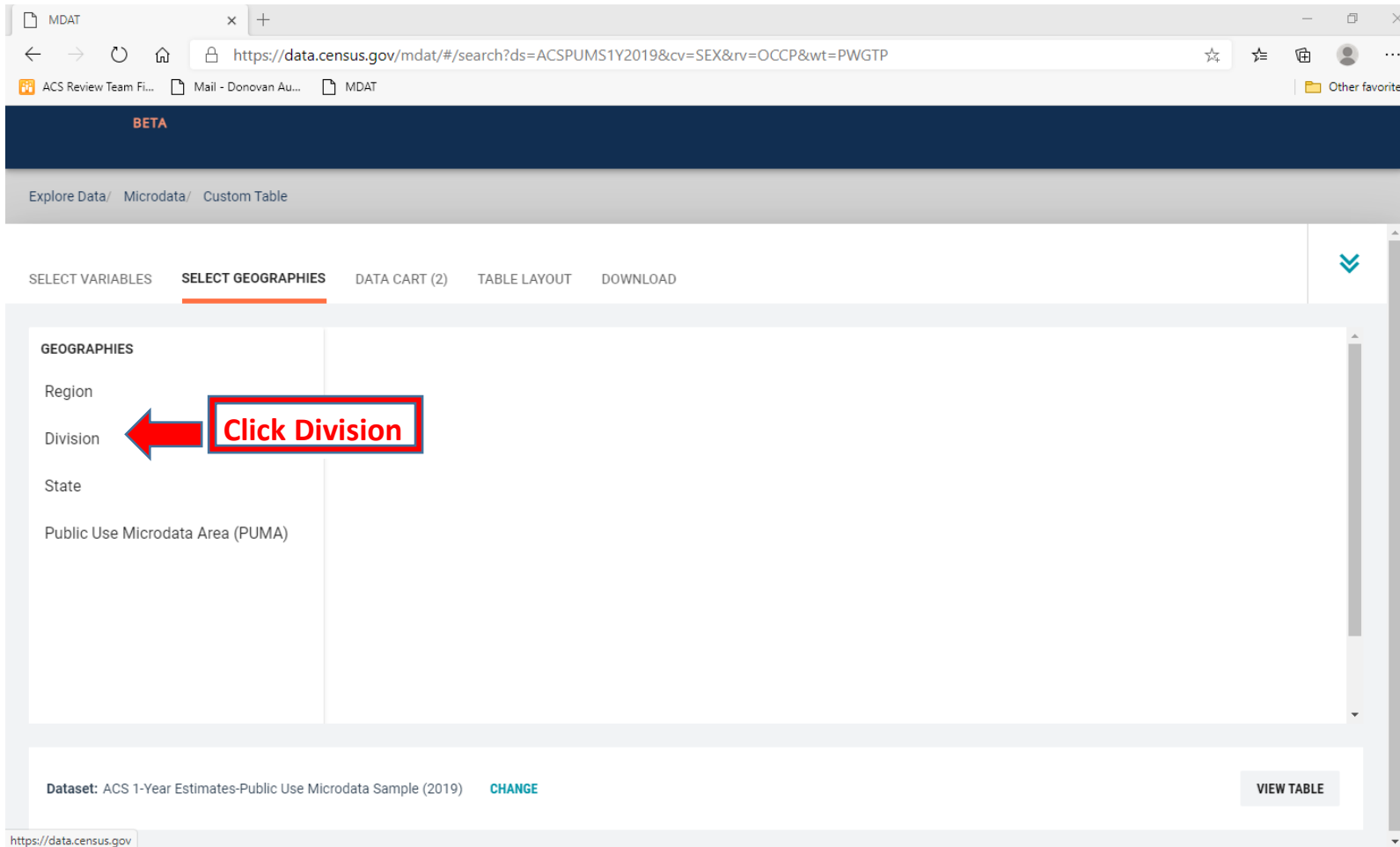
cedsci.feedback@census.gov

Click Change Geography

Now, let us look at how to modify the table by selecting specific geographies.

Click “Change Geography” on the right side of the custom table.

10. Select Two or More Geographies



After clicking “Change Geography” under custom table, you should be redirected to this page where you will see “Select Geographies” underscored.

Click “Division” under GEOGRAPHIES.

10. Select Two or More Geographies

First, clear out any preselected geographies (e.g., Northeast Region). Overlapping geographies will produce a data error when constructing the final table.

Select two divisions: “New England Division” and “Pacific Division”.

Once selected, your selection should appear at the bottom of the screen.

The screenshot shows the MDAT web application interface. The browser address bar displays the URL: <https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=ucgid,OCCP&wt=PWGTP&g=0300000US1,9>. The page has a dark blue header with the word "BETA" in red. Below the header is a navigation bar with tabs: "SELECT VARIABLES", "SELECT GEOGRAPHIES" (which is active and underlined in red), "DATA CART (2)", "TABLE LAYOUT", and "DOWNLOAD".

The "SELECT GEOGRAPHIES" section is divided into two columns. The left column, titled "GEOGRAPHIES", has a sidebar with options: "Region", "Division" (which is selected and highlighted in grey), "State", and "Public Use Microdata Area (PUMA)". The right column, titled "DIVISION", contains a list of divisions with checkboxes:

- ☒ New England Division
- ☐ Middle Atlantic Division
- ☐ East North Central Division
- ☐ West North Central Division
- ☐ South Atlantic Division
- ☐ East South Central Division
- ☐ West South Central Division
- ☐ Mountain Division
- ☒ Pacific Division

Red arrows point from text boxes to the "New England Division" and "Pacific Division" checkboxes. Below the list, a selection bar shows "New England Division" and "Pacific Division" as selected items. A red arrow points from a text box to this bar.

At the bottom of the page, the dataset is identified as "Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019)" with a "CHANGE" link. A "VIEW TABLE" button is located in the bottom right corner.

10. Select Two or More Geographies

Click “View Table”.

The screenshot shows the 'SELECT GEOGRAPHIES' step in the MDAT interface. The 'GEOGRAPHIES' sidebar on the left has 'Division' selected. The 'DIVISION' list on the right shows 'New England Division' and 'Pacific Division' checked. Below the list, two buttons labeled 'New England Division' and 'Pacific Division' are visible. At the bottom, the dataset is identified as 'ACS 1-Year Estimates-Public Use Microdata Sample (2019)'. A red box with the text 'Click View Table' and a red arrow points to the 'VIEW TABLE' button.

10. Select Two or More Geographies

Your two selected divisions:
“New England Division” and
“Pacific Division” should appear
in the table.

You can click on the drop-down
arrows to expand or collapse
the data for the different
divisions.

Both divisions
appear in table

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=ucgid,OCCP&wt=PWGTP&g=0300000US1,9

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Other favorites

BETA

Explore Data / Microdata / Custom Table

Custom Table

CUSTOMIZE VARIABLES DOWNLOAD / SHARE DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

CHANGE DATASET

Geography: 2 geographies selected

CHANGE GEOGRAPHY

Vintage: 2019

Weighting: PUMS person weight

On Columns

SEX

Not on Table

On Rows

Selected Geographies

OCCP

"Values in table cells" Options

Values in table cells:

Count

Universe: selected geographies: New England Division, Pacific Division

Show Total

Occupation recode for 2018 and later based on 2018 OCC codes (OCCP)	Sex (SEX)		
	Total	Male	Female
Total (1062)	68,337,333	33,882,883	34,454,450
Total New England Division (531)	14,845,063	7,248,038	7,597,025
Total Pacific Division (531)	53,492,270	26,634,845	26,857,425
N/A (less than 16 years old/NILF who last worked more t...	21,736,227	9,855,175	11,881,052
MGR-Chief Executives And Legislators	290,344	210,328	80,016
MGR-General And Operations Managers	208,268	130,728	77,540
Send Feedback And Promotions Managers	10,733	5,348	5,385

11. Age Recode

Before you begin, set up a table with the “OCCP” and “AGEP” variables.

To begin the multistep process to recode the age variable, click “AGEP”.

You have to click Customize variables to get back to the Select Variables option. AGEP is the first variable in the dataset. So, there is no need to search for it. Click View Table to see the table as shown in the image here.

This variable is continuous and can only go to "Values in table cells". Create a group (recode) to use elsewhere. "Age (AGEP)"

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&rv=OCCP&wt=PWGTP

ACS Review Team Fi... Mail - Donovan Au... MDAT

BETA

Explore Data / Microdata / Custom Table

Custom Table

CUSTOMIZE VARIABLES DOWNLOAD / SHARE DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

Geography: 0 geographies selected

Change Dataset

Change Geography

Vintage: 2019

Weighting: PUMS person weight

On Columns

On Rows

Not on Table

"Values in table cells" Options

Count

Universe: default universe (usually US)

Show Total

Occupation recode for 2018 and later based on 2018 OCC codes

Total (531)	328,239,523
N/A (less than 16 years ...	133,182,103
MGR-Chief Executives A...	1,646,437
MGR-General And Oper...	1,245,876
MGR-Advertising And P...	64,747
MGR-Marketing Manag...	627,175
MGR-Sales Managers	589,102
ns A...	114,727

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11. Age Recode

You will be taken to the following screen to recode the age variable.

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&rv=OCCP&wt=PWGTP

ACS Review Team Fi... Mail - Donovan Au... MDAT

BETA

Explore Data/ Microdata/ Custom Table

SELECT VARIABLES

SELECT GEOGRAPHIES

DATA CART (2)

TABLE LAYOUT

DOWNLOAD

Selected Variables (2)

AGEP

2 of 2 responses

OCCP

531 of 531 responses

Age (AGEP)

DETAILS ^

+ CREATE CUSTOM GROUP

<input checked="" type="checkbox"/> Include in Universe	Response Label	Value
<input checked="" type="checkbox"/>	1 to 99 years (Top-coded****)	1 ————— 99
<input checked="" type="checkbox"/>	Under 1 year	00

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019)

CHANGE

VIEW TABLE

11. Age Recode

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&rv=OCCP&wt=PWGTP

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Other favorites

BETA

Explore Data / Microdata / Custom Table

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (2) TABLE LAYOUT DOWNLOAD

Selected Variables (2)

AGEP

2 of 2 responses

OCCP

531 of 531 responses

Age (AGEP)

DETAILS ^

+ CREATE CUSTOM GROUP

<input checked="" type="checkbox"/> Include in Universe	Response Label	Value
<input checked="" type="checkbox"/>	1 to 99 years (Top-coded****)	1 ————— 99
<input checked="" type="checkbox"/>	Under 1 year	00

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019) CHANGE

VIEW TABLE

Click “Create Custom Group” to continue the steps to recode the age variable.

11. Age Recode

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&rv=OCCP&nv=AGEP_RC1&wt=PWGTP&AGEP_RC1=%7B...

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Other favorites

BETA

Explore Data/ Microdata/ Custom Table

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (3) TABLE LAYOUT DOWNLOAD

Selected Variables (3)

AGEP
2 of 2 responses

OCCP
531 of 531 responses

AGEP_RC1
1 of 1 responses

Age recode

Not Elsewhere Classified

Group Label
Not Elsewhere Classified

24 / 60

☐ Add to Group

Response Label

Value

☐ 1 to 99 years (Top-coded***)

1

99

☐ Under 1 year

00

CANCEL

SAVE GROUP

Click "Auto Group"

AUTO GROUP

Show on table

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019) CHANGE

VIEW TABLE

Click "Auto Group" to continue the steps to recode the age variable.

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Census
Bureau

[Return to Table of Contents](#)

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11. Age Recode

The screenshot shows the MDAAT web interface. On the left, under 'Selected Variables (3)', there are three variables: AGEP (2 of 2 responses), OCCP (531 of 531 responses), and AGE_RC1 (1 of 1 responses). In the center, an 'Auto Group Variable' dialog box is open. It has three input fields: 'Start' with the value 1, 'End' with the value 99, and 'Groups of:' with the value 1. Below these fields are 'CANCEL' and 'AUTO GROUP' buttons. The background interface shows a 'DATA CART (3)' tab selected, and a 'VIEW TABLE' button at the bottom right. The dataset is identified as 'ACS 1-Year Estimates-Public Use Microdata Sample (2019)'.

Click “Auto Group” to continue the steps to recode the age variable.

There are three entries that will be important to recode the age variable: start, end, and groups of.

Start: the minimum number of the recode. In this case for a table with the occupation variable, we will enter 16. The occupation variable does not include individuals who are younger than 16 years old.

End: the maximum number of the recode. In this case, the maximum age which is 99. This include all individuals up to 99 years old.

Groups of: this represents the number that will be in each group. Let us use “10”. This will create groups of 10 starting at 16. For example, the first group will be 16-25 years old.

11. Age Recode

The screenshot shows the MDAT web application interface. A modal dialog titled "Auto Group Variable" is open, allowing users to define age groups. The dialog contains three input fields: "Start" with the value "16", "End" with the value "99", and "Groups of" with the value "10". Red arrows point to each of these fields, accompanied by text boxes containing the instructions: "Add '16'", "'99'", "Add '10'", and "Click 'Auto Group'". The background interface shows a "Selected Variables (3)" list on the left, including AGE_P (2 of 2 responses), OCCP (531 of 531 responses), and AGE_RC1 (1 of 1 responses). At the bottom of the dialog are "CANCEL" and "AUTO GROUP" buttons. The main application header includes "BETA", "Explore Data / Microdata / Custom Table", and navigation tabs for "SELECT VARIABLES", "SELECT GEOGRAPHIES", "DATA CART (3)", "TABLE LAYOUT", and "DOWNLOAD". The dataset is identified as "ACS 1-Year Estimates-Public Use Microdata Sample (2019)".

Start: Add "16"

End: "99"

Groups of: Add "10"

Once the categories are completed, click "Auto Group".

11. Age Recode

Your recode will appear in detail on the left-hand side of this page.

A new variable will appear under selected variables with “_RC1” amended to it.

In this case, the new variable should be listed as “AGEP_RC1”.

New Variable Added

The screenshot shows the MDT (Microdata Table) interface on data.census.gov. The browser address bar shows the URL: https://data.census.gov/mdt/#/search?ds=ACSPUMS1Y2019&vw=AGEP&nv=OCCP&nv=AGEP_RC1&wt=PWGTP&AGEP_RC1=%7B... The page has a dark blue header with 'BETA' and navigation links: 'Explore Data / Microdata / Custom Table'. Below the header are tabs: 'SELECT VARIABLES', 'SELECT GEOGRAPHIES', 'DATA CART (3)', 'TABLE LAYOUT', and 'DOWNLOAD'. The 'DATA CART (3)' tab is active. On the left, under 'Selected Variables (3)', are 'AGEP' (2 of 2 responses), 'OCCP' (531 of 531 responses), and 'AGEP_RC1' (10 of 10 responses). On the right, under 'Age recode', is a list of age groups with their corresponding values and an 'EDIT GROUP' button for each. The age groups are: 'Not Elsewhere Classified' (VALUES: 1:15, 00), 'Between 16 and 25' (VALUES: 16:25), 'Between 26 and 35' (VALUES: 26:35), 'Between 36 and 45' (VALUES: 36:45), 'Between 46 and 55' (VALUES: 46:55), 'Between 56 and 65' (VALUES: 56:65), and 'Between 66 and 75' (VALUES: 66:75). At the bottom, it says 'Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019)' with a 'CHANGE' link and a 'VIEW TABLE' button.

Selected Variables (3)	Age recode
AGEP 2 of 2 responses	Not Elsewhere Classified VALUES: 1:15, 00
OCCP 531 of 531 responses	Between 16 and 25 VALUES: 16:25
AGEP_RC1 10 of 10 responses	Between 26 and 35 VALUES: 26:35
	Between 36 and 45 VALUES: 36:45
	Between 46 and 55 VALUES: 46:55
	Between 56 and 65 VALUES: 56:65
	Between 66 and 75 VALUES: 66:75

Scroll down to see all recode categories

11. Age Recode

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&rv=OCCP&nv=AGEP_RC1&wt=PWGTP&AGEP_RC1=%7B...

ACS Review Team Fi... Mail - Donovan Au... MDAT

BETA

Explore Data/ Microdata/ Custom Table

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (3) TABLE LAYOUT DOWNLOAD

AGEP_RC1
10 of 10 responses

Between 26 and 35
VALUES: 26:35

Between 36 and 45
VALUES: 36:45

Between 46 and 55
VALUES: 46:55

Between 56 and 65
VALUES: 56:65

Between 66 and 75
VALUES: 66:75

Between 76 and 85
VALUES: 76:85

Between 86 and 95
VALUES: 86:95

Between 96 and 99
VALUES: 96:99

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019) CHANGE

VIEW TABLE

Scroll up to see all
recode categories.

11. Age Recode

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&rv=OCCP&nv=AGEP_RC1&wt=PWGTP&AGEP_RC1=%7B...

ACS Review Team Fi... Mail - Donovan Au... MDAT

Other favorites

BETA

Explore Data / Microdata / Custom Table

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (3) TABLE LAYOUT DOWNLOAD

Selected Variables (3)

AGEP

2 of 2 responses

OCCP

531 of 531 responses

AGEP_RC1

10 of 10 responses

Age recode

Not Elsewhere Classified

VALUES: 1:15, 00

Click Edit Group

AUTO GROUP

EDIT GROUP

Between 16 and 25

VALUES: 16:25

EDIT GROUP

Between 26 and 35

VALUES: 26:35

EDIT GROUP

Between 36 and 45

VALUES: 36:45

EDIT GROUP

Between 46 and 55

VALUES: 46:55

EDIT GROUP

Between 56 and 65

VALUES: 56:65

EDIT GROUP

Between 66 and 75

VALUES: 66:75

EDIT GROUP

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019)

CHANGE

VIEW TABLE

We are going to exclude values from our table that are outside of our recode. In this case, all individuals between the ages of 0 and 15 years old.

Click “Edit Group”.

United States
Census
Bureau

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11. Age Recode

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&rv=OCCP&nv=AGEP_RC1&wt=PWGTP&AGEP_RC1=%7B...

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Other favorites

BETA

Explore Data / Microdata / Custom Table

SELECT VARIABLES

SELECT GEOGRAPHIES

DATA CART (3)

TABLE LAYOUT

DOWNLOAD

Selected Variables (3)

AGEP

2 of 2 responses

OCCP

531 of 531 responses

AGEP_RC1

10 of 10 responses

Age recode

AUTO GROUP

Not Elsewhere Classified

Show on table

Group Label

Not Elsewhere Classified

24 / 60

Add to Group

Response Label

Value

Between 1 and 15

115

Under 1 year

00

CANCEL

SAVE GROUP

Between 16 and 25

VALUES: 16:25

EDIT GROUP

Between 26 and 35

VALUES: 26:35

EDIT GROUP

Between 36 and 45

VALUES: 36:45

EDIT GROUP

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019)

CHANGE

VIEW TABLE

The following screen will appear.

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11. Age Recode

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&rv=OCCP&nv=AGEP_RC1&wt=PWGTP&AGEP_RC1=%7B...

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Other favorites

BETA

Explore Data / Microdata / Custom Table

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (3) TABLE LAYOUT DOWNLOAD

Selected Variables (3)

AGEP
2 of 2 responses

OCCP
531 of 531 responses

AGEP_RC1
10 of 10 responses

Age recode

Not Elsewhere Classified

Group Label
Not Elsewhere Classified

24 / 60

☐ Add to Group

Response Label

Value

☐

Between 1 and 15

115

☐

Under 1 year

00

CANCEL

SAVE GROUP

Between 16 and 25
VALUES: 16:25

EDIT GROUP

Between 26 and 35
VALUES: 26:35

EDIT GROUP

Between 36 and 45
VALUES: 36:45

EDIT GROUP


Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019) CHANGE

VIEW TABLE

Move the dial to off for “Show on table”

Move the dial to off for “Show on table”. When off, the dial and text should be grayed out.

United States
Census
Bureau

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11. Age Recode

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&rv=OCCP&nv=AGEP_RC1&wt=PWGTP&AGEP_RC1=%7B...

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Other favorites

BETA

Explore Data / Microdata / Custom Table

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (3) TABLE LAYOUT DOWNLOAD

Selected Variables (3)

AGEP
2 of 2 responses

OCCP
531 of 531 responses

AGEP_RC1
10 of 10 responses

Age recode

AUTO GROUP

Not Elsewhere Classified

Show on table

Group Label

Not Elsewhere Classified

24 / 60

☐ Add to Group

Response Label

Value

☐

Between 1 and 15

1 15

☐

Under 1 year

Click Save Group

SAVE GROUP

Between 16 and 25

VALUES: 16:25

EDIT GROUP

Between 26 and 35

VALUES: 26:35

EDIT GROUP

Between 36 and 45

VALUES: 36:45

EDIT GROUP

VIEW TABLE

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019) CHANGE

To finalize change of removing this recode category from the final table, click “Save Group”.

11. Age Recode

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&rv=OCCP&nv=AGEP_RC1&wt=PWGTP&AGEP_RC1=%7B...

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Other favorites

BETA

Explore Data/ Microdata/ Custom Table

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (3) TABLE LAYOUT DOWNLOAD

Selected Variables (3)

AGEP
2 of 2 responses

OCCP
531 of 531 responses

AGEP_RC1
9 of 10 responses

Age recode

AUTO GROUP

Not Elsewhere Classified
VALUES: 1:15, 00

EDIT GROUP

Between 16 and 25
VALUES: 16:25

EDIT GROUP

Between 26 and 35
VALUES: 26:35

EDIT GROUP

Between 36 and 45
VALUES: 36:45

EDIT GROUP

Between 46 and 55
VALUES: 46:55

EDIT GROUP

Between 56 and 65
VALUES: 56:65

EDIT GROUP

Between 66 and 75
VALUES: 66:75

EDIT GROUP

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019) CHANGE

VIEW TABLE

The removed group will now be grayed out.

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11. Age Recode

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&rv=OCCP&nv=AGEP_RC1&wt=PWGTP&AGEP_RC1=%7B...

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Other favorites

BETA

Explore Data / Microdata / Custom Table

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (3) TABLE LAYOUT DOWNLOAD

Selected Variables (3)

AGEP

2 of 2 responses

OCCP

531 of 531 responses

AGEP_RC1

9 of 10 responses

Age recode

AUTO GROUP

Not Elsewhere Classified

VALUES: 1:15, 00

EDIT GROUP

Between 16 and 25

VALUES: 16:25

EDIT GROUP

Between 26 and 35

VALUES: 26:35

EDIT GROUP

Between 36 and 45

VALUES: 36:45

EDIT GROUP

Between 46 and 55

VALUES: 46:55

EDIT GROUP

Between 56 and 65

VALUES: 56:65

EDIT GROUP

Between 66 and 75

VALUES: 66:75

EDIT GROUP

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019) CHANGE

Click View Table

VIEW TABLE

Click “View Table” to add the final recoded age variable, “AGEP_RC1”.

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Census
Bureau

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11. Age Recode

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&rv=OCCP&nv=AGEP_RC1&wt=PWGTP&AGEP_RC1=%7B...

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Other favorites

BETA

Explore Data / Microdata / Custom Table

Custom Table

CUSTOMIZE VARIABLES DOWNLOAD / SHARE DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

CHANGE DATASET

Geography: 0 geographies selected

CHANGE GEOGRAPHY

Vintage: 2019

Weighting: PUMS person weight

On Columns

On Rows

Not on Table

"Values in table cells" Options

AGEP_RC1

Move AGE_P_RC1

AGEP

Values in table cells: Count

Universe: default universe (usually US)

Show Total

Occupation recode for 2018 and later based on 2018 OCC codes

Total (S31)	328,239,523
N/A (less than 16 years ...	133,182,103
MGR-Chief Executives A...	1,646,437
MGR-General And Oper...	1,245,876
MGR-Advertising And P...	64,747
MGR-Marketing Manag...	627,175
MGR-Sales Managers	589,102
Send Feedback	ns A...
cedsci.feedback@census.gov	771,784

The current table shows the occupation variable, “OCCP”, in rows, but does not currently include a columns variable.

Drag and drop “AGEP_RC1” from “Not on Table” section to the “On Columns” section.

NOTE: your screen might look slightly different if you did not begin this section with just the AGE_P and the OCCP variables.

11. Age Recode

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&cv=AGEP_RC1&rv=OCCP&wt=PWGTP&AGEP_RC1=%7B"...

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Other favorites

BETA

Explore Data / Microdata / Custom Table

Custom Table

CUSTOMIZE VARIABLES DOWNLOAD / SHARE DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

Geography: 0 geographies selected

Change Dataset

Change Geography

Vintage: 2019

Weighting: PUMS person weight

On Columns

On Rows

Not on Table

"Values in table cells" Options

AGEP_RC1

OCCP

AGEP

Values in table cells: Count

Universe: default universe (usually US)

Show Total

	Age recode (AGEP_RC1)							
Occupation recode for 2018 and later based on 2018 OCC codes	Total	Between 16 and 25	Between 26 and 35	Between 36 and 45	Between 46 and 55	Between 56 and 65	Between 66 and 75	Between 76 and 85
Total (\$31)	263,541,080	43,230,160	45,444,397	41,475,687	41,187,528	41,955,747	30,017,220	
N/A (less than 16 years ...)	68,483,660	10,777,357	3,783,626	4,328,807	5,359,488	9,789,707	17,047,879	
MGR-Chief Executives A...	1,646,437	15,047	126,953	320,363	470,515	455,868	204,676	
MGR-General And Oper...	1,245,876	59,844	286,720	322,739	303,418	204,621	60,209	
MGR-Advertising And P...	64,747	6,765	20,185	14,729	11,890	7,995	2,768	
MGR-Marketing Manag...	627,175	67,391	202,834	148,459	121,245	64,569	19,516	
Send Feedback cedsci.feedback@census.gov	589,102	19,196	120,517	144,873	156,886	111,957	31,609	

AGEP_RC1 moved

12. Occupation Recode

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&cv=AGEP_RC1&rv=OCCP&wt=PWGTP&AGEP_RC1=%7B"...

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BETA

Explore Data / Microdata / Custom Table

Custom Table

CUSTOMIZE VARIABLES DOWNLOAD / SHARE DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

CHANGE DATASET

Geography: 0 geographies selected

CHANGE GEOGRAPHY

Vintage: 2019

Weighting: PUMS person weight

On Columns

On Rows

AGEP_RC1

OCCP

AGEP

Not on Table

Occupation recode for 2018 and later based on 2018 OCC codes (OCC_9)

Values in table cells: Options

Values in table cells:

Count

Universe: default universe (usually US)

Show Total

	Age recode (AGEP_RC1)							
Occupation recode for 2018 and later based on 2018 OCC codes	Total	Between 16 and 25	Between 26 and 35	Between 36 and 45	Between 46 and 55	Between 56 and 65	Between 66 and 75	Between 76 and 85
Total (531)	263,541,080	43,230,160	45,444,397	41,475,687	41,187,528	41,955,747	30,017,220	
N/A (less than 16 years ...)	68,483,660	10,777,357	3,783,626	4,328,807	5,359,488	9,789,707	17,047,879	
MGR-Chief Executives A...	1,646,437	15,047	126,953	320,363	470,515	455,868	204,676	
MGR-General And Oper...	1,245,876	59,844	286,720	322,739	303,418	204,621	60,209	
MGR-Advertising And P...	64,747	6,765	20,185	14,729	11,890	7,995	2,768	
MGR-Marketing Manag...	627,175	67,391	202,834	148,459	121,245	64,569	19,516	
Send Feedback cedsci.feedback@census.gov	589,102	19,196	120,517	144,873	156,886	111,957	31,609	

Click "OCCP" to begin the recode process for the OCCP variable.

12. Occupation Recode

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&cv=AGEP_RC1&rv=OCCP&wt=PWGTP&AGEP_RC1=%7B"...

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Other favorites

BETA

Explore Data / Microdata / Custom Table

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (3) TABLE LAYOUT DOWNLOAD

Selected Variables (3)

AGEP
2 of 2 responses

AGEP_RC1
9 of 10 responses

OCCP
531 of 531 responses

Occupation recode for 2018 and later based on 2018 OCC codes (OCCP)

DETAILS ^

+ CREATE CUSTOM GROUP

<input checked="" type="checkbox"/> Include in Universe	Response Label	Value
<input checked="" type="checkbox"/>	N/A (less than 16 years old/NILF who last worked ...	9
<input checked="" type="checkbox"/>	MGR-Chief Executives And Legislators	0010
<input checked="" type="checkbox"/>	MGR-General And Operations Managers	0020
<input checked="" type="checkbox"/>	MGR-Advertising And Promotions Managers	0040
<input checked="" type="checkbox"/>	MGR-Marketing Managers	0051
<input checked="" type="checkbox"/>	MGR-Sales Managers	0052
<input checked="" type="checkbox"/>	MGR-Public Relations And Fundraising Managers	0060
<input checked="" type="checkbox"/>	MGR-Administrative Services Managers	0101
<input checked="" type="checkbox"/>	MGR-Facilities Managers	0102
<input checked="" type="checkbox"/>	MGR-Computer And Information Systems Managers	0110
<input checked="" type="checkbox"/>	MGR-Financial Managers	0120
<input checked="" type="checkbox"/>	MGR-Compensation And Benefits Managers	0135
<input checked="" type="checkbox"/>	MGR-Human Resources Managers	0136
<input checked="" type="checkbox"/>	MGR-Training And Development Managers	0137
<input checked="" type="checkbox"/>	MGR-Industrial Production Managers	0140
<input checked="" type="checkbox"/>	MGR-Durkheim Managers	0141

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019) CHANGE

VIEW TABLE

The following page will appear which will allow you to select and deselect your occupations of interest.

In this instance, we will deselect variables that are not typical for a standard Census table that includes the occupation variable.

12. Occupation Recode

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&cv=AGEP_RC1&rv=OCCP{0010,0020,0040,0051,0052,006...

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Other favorites

BETA

Explore Data / Microdata / Custom Table

SELECT VARIABLES

SELECT GEOGRAPHIES

DATA CART (3)

TABLE LAYOUT

DOWNLOAD

Selected Variables (3)

AGEP

2 of 2 responses

AGEP_RC1

9 of 10 responses

OCCP

530 of 531 responses

Occupation recode for 2018 and later based on 2018 OCC codes (OCCP)

DETAILS ^

+ CREATE CUSTOM GROUP

<input type="checkbox"/>	Include in Universe	Response Label	Value
<input type="checkbox"/>		N/A (less than 16 years old/NILF who last worked ...	9
<input checked="" type="checkbox"/>		MGR-Chief Executives And Legislators	0010
<input checked="" type="checkbox"/>		MGR-General And Operations Managers	0020
<input checked="" type="checkbox"/>		MGR-Advertising And Promotions Managers	0040
<input checked="" type="checkbox"/>		MGR-Marketing Managers	0051
<input checked="" type="checkbox"/>		MGR-Sales Managers	0052
<input checked="" type="checkbox"/>		MGR-Public Relations And Fundraising Managers	0060
<input checked="" type="checkbox"/>		MGR-Administrative Services Managers	0101
<input checked="" type="checkbox"/>		MGR-Facilities Managers	0102
<input checked="" type="checkbox"/>		MGR-Computer And Information Systems Managers	0110
<input checked="" type="checkbox"/>		MGR-Financial Managers	0120
<input checked="" type="checkbox"/>		MGR-Compensation And Benefits Managers	0135
<input checked="" type="checkbox"/>		MGR-Human Resources Managers	0136
<input checked="" type="checkbox"/>		MGR-Training And Development Managers	0137
<input checked="" type="checkbox"/>		MGR-Industrial Production Managers	0140
<input checked="" type="checkbox"/>		MGR-Purchasing Managers	0150
<input checked="" type="checkbox"/>		MGR-Transportation, Storage, And Distribution Ma	0160

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019)

CHANGE

VIEW TABLE

Uncheck the “N/A” category and scroll down to the bottom of the table.

12. Occupation Recode

After scrolling down to the bottom of the recode table, uncheck the boxes for:

- 1) all the military occupations (4 occupations), and
- 2) the unemployed category.

Click View Table.

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&cv=AGEP_RC1&rv=OCCP{0010,0020,0040,0051,0052,006...

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BETA

Explore Data/ Microdata/ Custom Table

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (3) TABLE LAYOUT DOWNLOAD

Selected Variables (3)

AGEP
2 of 2 responses

AGEP_RC1
9 of 10 responses

OCCP
525 of 531 responses

Occupation recode for 2018 and later based on 2018 OCC codes (OCCP)

+ CREATE CUSTOM GROUP

Include in Universe	Response Label	Value
<input checked="" type="checkbox"/>	TRN-Other Transportation Workers	9430
<input checked="" type="checkbox"/>	TRN-Crane And Tower Operators	9510
<input checked="" type="checkbox"/>	TRN-Conveyor, Dredge, And Hoist And Winch Oper...	9570
<input checked="" type="checkbox"/>	TRN-Industrial Truck And Tractor Operators	9600
<input checked="" type="checkbox"/>	TRN-Cleaners Of Vehicles And Equipment	9610
<input checked="" type="checkbox"/>	TRN-Laborers And Freight, Stock, And Material Mo...	9620
<input checked="" type="checkbox"/>	TRN-Machine Feeders And Offbearers	9630
<input checked="" type="checkbox"/>	TRN-Packers And Packers, Hand	9640
<input checked="" type="checkbox"/>	TRN-Stockers And Order Fillers	9645
<input checked="" type="checkbox"/>	TRN-Pumping Station Operators	9650
<input checked="" type="checkbox"/>	TRN-Refuse And Recyclable Material Collectors	9720
<input checked="" type="checkbox"/>	TRN-Other Material Moving Workers	9760
<input type="checkbox"/>	MIL-Military Officer Special And Tactical Operations...	9800
<input type="checkbox"/>	MIL-First-Line Enlisted Military Supervisors	9810
<input type="checkbox"/>	MIL-Military Enlisted Tactical Operations And Air/W...	9825
<input type="checkbox"/>	MIL-Military, Rank Not Specified	9830
<input type="checkbox"/>	Unemployed, With No Work Experience In The Last...	9920

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019) CHANGE

Click View Table

VIEW TABLE

12. Occupation Recode

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&vv=AGEP&cv=AGEP_RC1&rv=OCCP[0010,0020,0040,0051,0052,006...

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Other favorites

BETA

Explore Data / Microdata / Custom Table

Custom Table

CUSTOMIZE VARIABLES DOWNLOAD / SHARE DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

Change Dataset

Geography: 0 geographies selected

Change Geography

Vintage: 2019

Weighting: PUMS person weight

On Columns

On Rows

AGEP_RC1

OCCP

Not on Table

"Values in table cells" Options

AGEP

Values in table cells:

Count

Universe: Occupation recode for 2018 and later based on 2018 OCC codes (OCCP): all except: N/A (less than 16 years old/NILF who last worked more than 5 years ago or never worked), MIL-Military Officer Special And Tactical Operations Leaders, MIL-First-Line Enlisted Military Supervisors, MIL-Military Enlisted Tactical Operations And Air/Weapons Specialists And Crew Members, MIL-Military, Rank Not Specified, Unemployed, With No Work Experience In The Last 5 Years Or Earlier Or Never Worked









Show Total

	Age recode (AGEP_RC1)							
Occupation recode for 2018 and later based on 2018 OCC codes	Total	Between 16 and 25	Between 26 and 35	Between 36 and 45	Between 46 and 55	Between 56 and 65	Between 66 and 75	Between 76 and 85
Total (\$25)	192,922,095	31,475,274	41,213,072	36,838,506	35,601,294	32,045,856	12,923,647	
MGR-Chief Executives A...	1,646,437	15,047	126,953	320,363	470,515	455,868	204,676	
MGR-General And Oper...	1,245,876	59,844	286,720	322,739	303,418	204,621	60,209	
MGR-Advertising And P...	64,747	6,765	20,185	14,729	11,880	7,995	2,768	
MGR-Marketing Manag...	627,175	67,391	202,834	148,459	121,245	64,569	19,516	
MGR-Sales Managers	589,102	19,196	120,517	144,873	156,886	111,957	31,609	
ns A...	114,727	5,617	27,620	31,427	24,382	17,541	7,538	

- The updated table should now include:
- 1) A recoded age variable
 - 2) An updated occupation variable, which should include respondents who are 16 years and younger while excluding (1) respondents who work in the military, and (2) respondents who are unemployed.

13. Key Variables

SELECT VARIABLES SELECT GEOGRAPHIES **DATA CART (8)** TABLE LAYOUT DOWNLOAD

Selected Variables (8)		
AGEP	2 of 2 responses	
ESR	7 of 7 responses	
RAC1P	9 of 9 responses	
SCHL	25 of 25 responses	
HISP	24 of 24 responses	
INDP	271 of 271 responses	
COW	10 of 10 responses	
OCCP	531 of 531 responses	

This table shows some of the key variables that you may consider when creating a custom table:

- 1) Age – “AGEP”
- 2) Employment – “ESR”
- 3) Race – “RAC1P”
- 4) Educational Attainment – “SCHL”
- 5) Hispanic – “HISP”
- 6) Industry – “INDP”
- 7) Class of Worker – “COW”
- 8) Occupation – “OCCP”

14. Download Table

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&nv=INDP,COW,RAC1P,ESR,HISP,SCHL&wt=PWG...

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Other favorites

BETA

Explore Data / Microdata / Custom Table

Custom Table

CUSTOMIZE VARIABLES DOWNLOAD / SHARE DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample

CHANGE DATASET

Vintage: 2019

Geography: 0 geographies selected

CHANGE GEOGRAPHY

Weighting: PUMS person weight

On Columns

SEX

Not on Table

INDP COW RAC1P ESR HISP SCHL

On Rows

OCCP

Values in table cells Options

Values in table cells:

Count

Universe: default universe (usually US)

Show Total

	Sex (SEX)		
	Total	Male	Female
Occupation recode for 2018 and later based on 2018 OCC codes			
Total (581)	328,239,523	161,594,272	166,645,251
N/A (less than 16 years ...)	133,182,103	60,920,536	72,261,567
MGR- Chief Executives A...	1,646,437	1,188,307	458,130
MGR- General And Oper...	1,245,876	815,514	430,362
MGR- Advertising And P...	64,747	26,647	38,100
MGR- Marketing Manag...	627,175	240,986	386,189
MGR- Sales Managers	589,102	390,359	198,743
MGR- Public Relations A...	114,727	37,252	77,475
MGR- Administrative Ser...	70,785	20,587	50,198
MGR- Facilities Managers	136,272	111,550	24,722
MGR- Computer And Inf...	735,113	511,537	223,576
MGR- Financial Managers	1,487,327	646,827	840,500
MGR- ...	21,192	4,605	16,587
Send Feedback	324,447	81,847	242,600

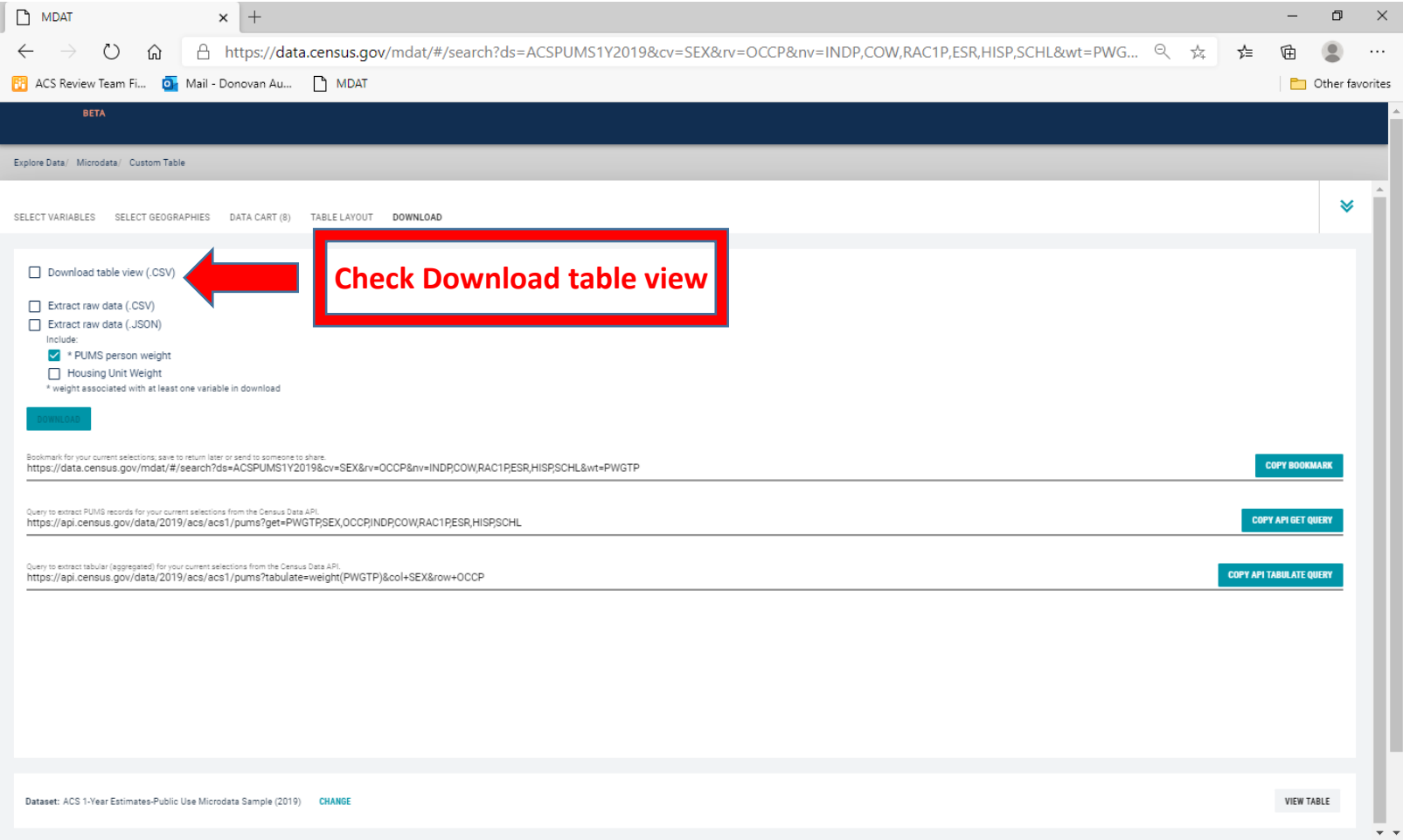
Click Download/Share

Click the download/share link to download your table.

14. Download Table

Before the download button can appear, select “Download view table”.

This option will provide you a readable table.



14. Download Table

Click Download button.

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&nv=INDP,COW,RAC1P,ESR,HISP,SCHL&wt=PWGTP...

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BETA

Explore Data / Microdata / Custom Table

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (8) TABLE LAYOUT **DOWNLOAD**

☒ Download table view (.CSV)

☐ Extract raw data (.CSV)

☐ Extract raw data (.JSON)

Include:

☒ * PUMS person weight

☐ Housing Unit Weight

* weight associated with at least one variable in

DOWNLOAD

Click Download

Bookmark for your current selections; save to return later or send to someone to share.
https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&nv=INDP,COW,RAC1P,ESR,HISP,SCHL&wt=PWGTP

COPY BOOKMARK

Query to extract PUMS records for your current selections from the Census Data API.
https://api.census.gov/data/2019/acs/acs1/pums?get=PWGTP,SEX,OCCP,INDP,COW,RAC1P,ESR,HISP,SCHL

COPY API GET QUERY

Query to extract tabular (aggregated) for your current selections from the Census Data API.
https://api.census.gov/data/2019/acs/acs1/pums?tabulate=weight(PWGTP)&col=SEX&row=OCCP

COPY API TABULATE QUERY

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019) CHANGE

VIEW TABLE

14. Download Table

The downloaded file will be named “export.csv”.

MDAT

https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&nv=INDP,COW,RAC1P,ESR,HISP,SCHL&wt=PWGTP...

ACS Review Team Fi... Mail - Donovan Au... MDAT

BETA

Explore Data / Microdata / Custom Table

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (8) TABLE LAYOUT **DOWNLOAD**

☒ Download table view (.CSV)

☐ Extract raw data (.CSV)

☐ Extract raw data (.JSON)

Include:

☒ * PUMS person weight

☐ Housing Unit Weight

* weight associated with at least one variable in download

DOWNLOAD

Bookmark for your current selections; save to return later or send to someone to share.
https://data.census.gov/mdat/#/search?ds=ACSPUMS1Y2019&cv=SEX&rv=OCCP&nv=INDP,COW,RAC1P,ESR,HISP,SCHL&wt=PWGTP

COPY BOOKMARK

Query to extract PUMS records for your current selections from the Census Data API.
https://api.census.gov/data/2019/acs/acs1/pums?get=PWGTP,SEX,OCCP,INDP,COW,RAC1P,ESR,HISP,SCHL

COPY API GET QUERY

Query to extract tabular (aggregated) for your current selections from the Census Data API.
https://api.census.gov/data/2019/acs/acs1/pums?tabulate=weight(PWGTP)&col=SEX&row=OCCP

COPY API TABULATE QUERY

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019) CHANGE

VIEW TABLE

export.csv

Open file

Downloaded file

Show all

Additional Resources

Overall page on PUMS:

<https://www.census.gov/programs-surveys/acs/microdata.html>

PUMS documentation, including code lists:

<https://www.census.gov/programs-surveys/acs/microdata/documentation.html>

Recorded Webinar:

<https://www.census.gov/data/academy/webinars/2020/using-public-microdata-to-create-custom-tables.html>

<https://www.census.gov/data/academy/webinars/2020/introduction-to-american-community-survey-public-use-microdata-sample-pums-files.html>

